DYNAMIC SELECTION OF RENDERING INTENT FOR COLOR PROOFING TRANSFORMS

Abstract

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      In general, in one aspect, the invention features an apparatus, method, and computer program product for automatically selecting a rendering intent. It includes identifying a device color profile associated with a device; and

10   automatically selecting a rendering intent based on the transform defined by the device color profile. Selecting can include determining a minimum luminance the printing press can produce; and selecting one of a plurality of rendering intents based on a comparison of the minimum luminance to one or more predefined thresholds. Selecting can include selecting a first rendering intent when the

15   difference between a minimum luminance the printing press can produce and a minimum luminance the proofing printer can produce exceeds a predefined value; and selecting a second rendering intent otherwise. Selecting can include selecting a first rendering intent when a color gamut of the printing press is substantially contained within a color gamut of the proofing printer; and selecting a second

20   rendering intent otherwise.